

42-003-00032

Jim H



United States Steel Corporation
Clairton Works
400 State Street
Clairton, PA 15025

December 5, 2016

Ms. Karen M. Sagel
Allegheny County Health Department
Department of Air Quality
301 Thirty-Ninth Street
Pittsburgh, PA 15201

Subject: USS Reference Number: 16-0393
ACHD Reference Number: 20416
SCOT Plant
USS Clairton Works

DEC 12 2016

42-003-00032

Dear Karen M. Sagel:

The attached form confirms our verbal report of the subject incident and satisfies the requirements of paragraph IV.8 of the Title V operating permit #0052 as issued on March 27th 2012.

I certify that based on the information and belief formed after reasonable inquiry, the statements and information in this document are true, accurate, and complete. Any questions concerning this matter should be referred to Jonelle S. Scheetz at 412-233-1015.

Sincerely,

A handwritten signature in cursive script, appearing to read "Michael S. Rhoads".


Michael S. Rhoads
Plant Manager
Clairton Works

cc: James W. Hagedorn (USEPA)

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NOTICE OF OUTAGE OF EQUIPMENT
ARTICLE XXI - SECTION 2108.1

1. USS Reference Number: 16-0393
ACHD Reference Number: 20416
2. Date & Time of Breakdown: Date: 11/29/16 Time: 1900 hours
3. Company Name: U.S. Steel Corporation - USS Clairton Works
4. Specific Equipment Involved or Affected: SCOT Plant
5. BAPC Permit Number (if applicable): 0052
6. Location: Clairton, PA
7. Nature and cause of breakdown: The SCOT Plant was taken out of service when the Methyl Di-Ethanol Amine (MDEA) solution became contaminated and reduced its ability to absorb H₂S.
8. Identification of Emissions:
 - A. Type(s) (CO, NO_x, SO₂, Particulates, Hydrocarbons, etc.)
Elevated H₂S at the incinerator stack, causing increased SO₂ at point of combustion.
 - B. Toxic qualities of each type (including its qualities as an irritant, and its potential for causing illness, disability, or mortality). SO₂ is an eye, nose, and throat irritant.
 - C. Amount of each type emitted (or likely to be emitted).
Light to Moderate
9. Measures taken (or to be taken) to minimize length of breakdown and amount of emissions, including shutdown or curtailment (or why it is impossible or impractical to do so).
The repairs were completed and the SCOT Plant returned to service.
10. Facility back in operation - Date: 12/04/16 Time: 1400 hours

Reviewed by 
Jonelle S. Scheetz
Environmental Control Engineer

Date 12/5/16
Phone: 412-233-1015